

AMENDMENTS TO THE CLAIMS

Please cancel claims 3, 8 and 17 without prejudice or disclaimer of their underlying subject matter.

Please amend the claims as follows.

1. (Currently amended) A method of producing a color filter, comprising the steps of:

forming a filter layer of a second color in a substrate region in which a filter element of a first color is to be formed; and

overlapping a filter layer of a third color different from said second color on said filter layer of said second color and on said substrate;

wherein two overlapping filter layers form the filter element, and

wherein said filter layer of a third color is made from a dye containing photoresist,

and

wherein each of said filter layers of said second color is made from a dye containing positive photoresist.

2. (Original) A method of producing a color filter according to claim 1, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

3. (Canceled)

4. (Original) A method of producing a color filter according to claim 1, wherein said color filter is composed of filter elements of a plurality of said first colors each of which is either of red, green and blue colors; and

wherein said filter elements of said plurality of said first colors are produced by the steps of:

forming a yellow filter layer as a filter layer of said second or third color in a region in which said filter elements of red and green colors as said first colors are to be formed;

forming a cyan filter layer as a filter layer of said second or third color in a region in which said filter elements of green and blue colors as said first colors are to be formed; and

forming a magenta filter layer as a filter layer of said second or third colors in a region in which filter elements of red and blue colors as said first colors are to be formed.

5. (Original) A method of producing a color filter according to claim 4, wherein a principal pigment contained in a material for forming said yellow filter layer is an azo pigment;

a principal pigment contained in a material for forming said cyan filter layer is a copper phthalocyanine pigment; and

a principal pigment contained in a material for forming said magenta filter layer is a xanthene pigment.

6. (Currently amended) A color filter comprising:

the color filter made by the method of claim 1.

wherein the second color layer is in the same row as the third color layer and in a row above the third color layer.

~~a filter element of a first color, said first color filter element having a filter layer of a second color overlapping a portion of a filter layer of a third color,~~

~~wherein said first, second and third colors are different from each other,~~

~~wherein the second color layer is both in the same row as the third color layer and the second color layer is in a row above the third color layer, and~~

~~wherein said filter layer of a third color is made from a dye containing photoresist.~~

7. (Original) A color filter according to claim 6, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

8. (Canceled)

9. (Original) A color filter according to claim 6, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

10. (Original) A color filter according to claim 6, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

11. (Original) A color filter according to claim 6, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

12. (Currently amended) A solid-state imaging device comprising:

a plurality of light receiving sensor portions for photo-electric conversion, provided in a surface layer portion of a substrate; and

~~a~~ the color filter made by the method of claim 1 provided correspondingly to said plurality of light receiving sensor portions.

;

~~wherein said color filter has a filter element of a first color having a filter layer of a second color overlapping a portion of a filter layer of a third color, and~~

~~wherein said filter layer of a third color is made from a dye containing photoresist.~~

13. (Original) A solid-state imaging device according to claim 12, wherein said first color is a primary color, and each of said second and third colors is a complementary color.

14. (Original) A solid-state imaging device according to claim 12, wherein said first color is red, and said second and third colors are yellow and magenta respectively.

15. (Original) A solid-state imaging device according to claim 12, wherein said first color is green, and said second and third colors are yellow and cyan respectively.

16. (Original) A solid-state imaging device according to claim 12, wherein said first color is blue, and said second and third colors are cyan and magenta respectively.

17. (Canceled)